

Fig. 1A

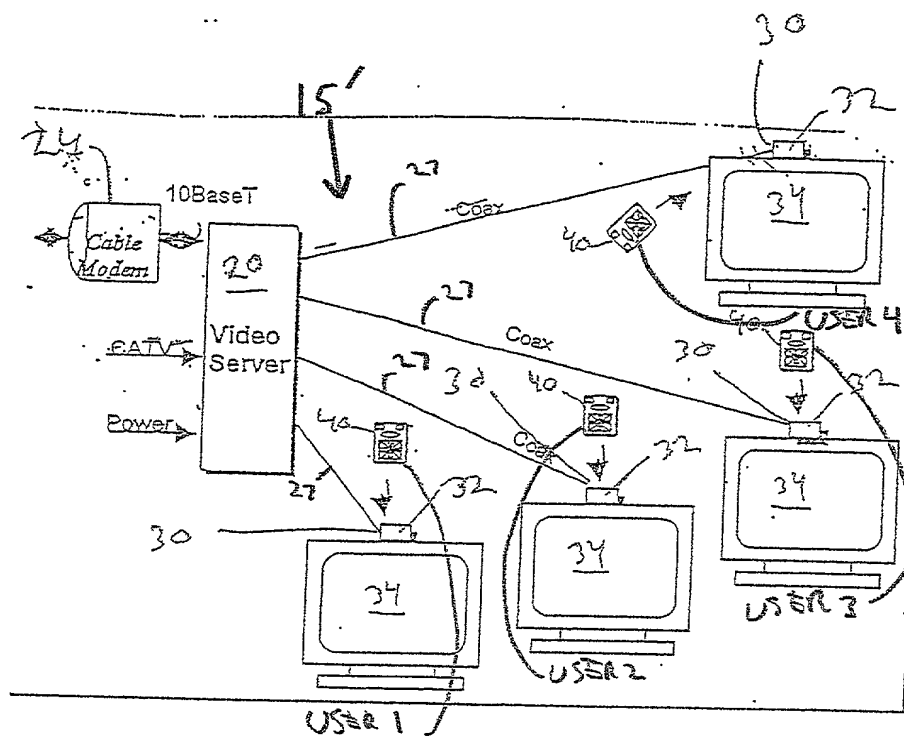


Fig. 18

Parameter	Typical Value
Formatted Capacity	40 GB
Rotational Speed (rpm)	7200
Latency	4.167ms
Number of Discs	4
Number of R/W Heads	4
Sectors per Track (min)	375
Sectors per Track (max)	694
Byte per Sector	512
Number of Tracks per Cylinder	4
Typical Seek Time	10 ms
Head Switch Time	1 ms
Cylinder Switch Time	1 ms
Media Transfer Rate (min)	184 Mb/s
Media Transfer Rate (max)	341 Mb/s
Interface Transfer Rate	66 MB/s
Buffer Size	2 MB

Fig. 4

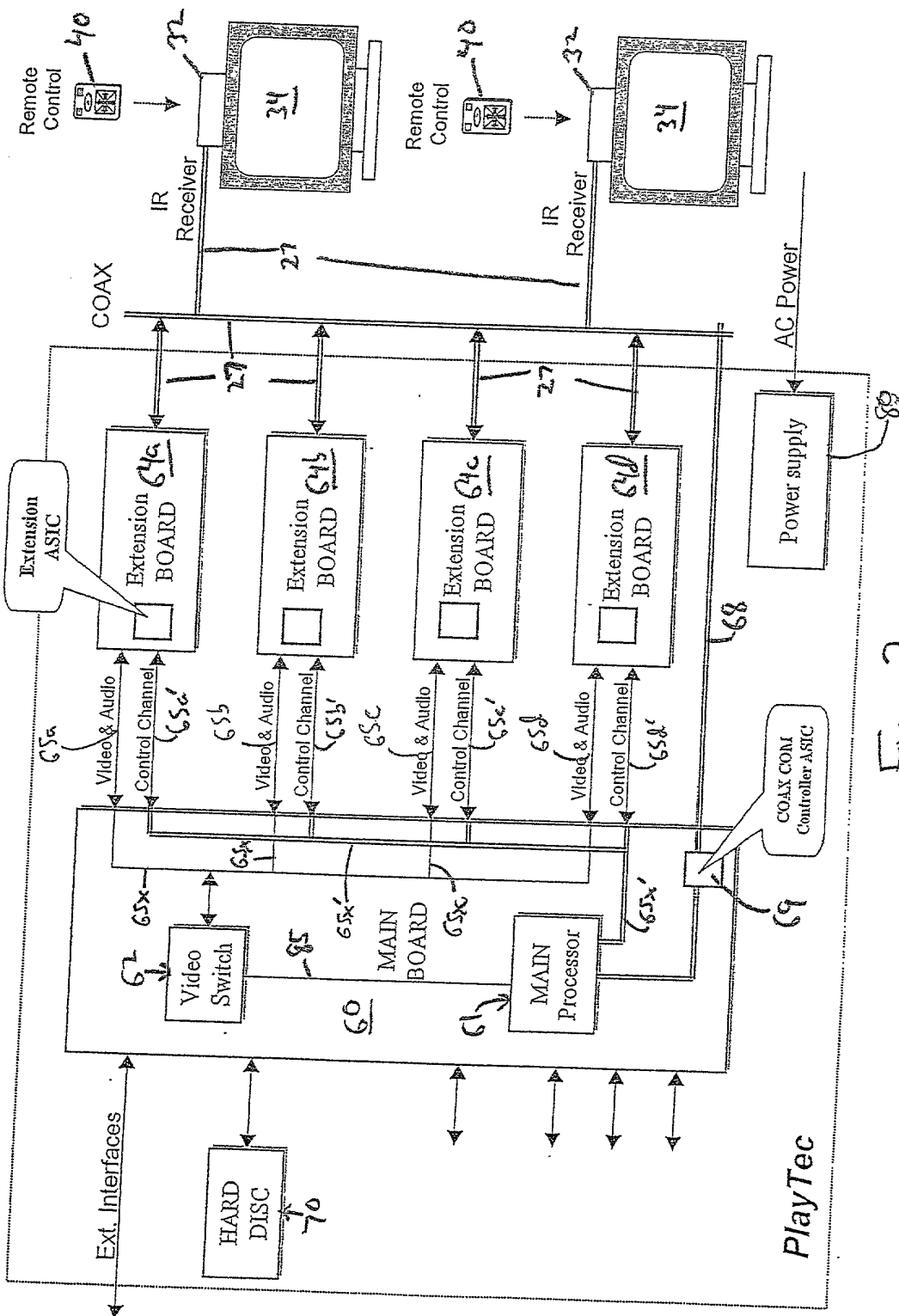


Fig. 2

62

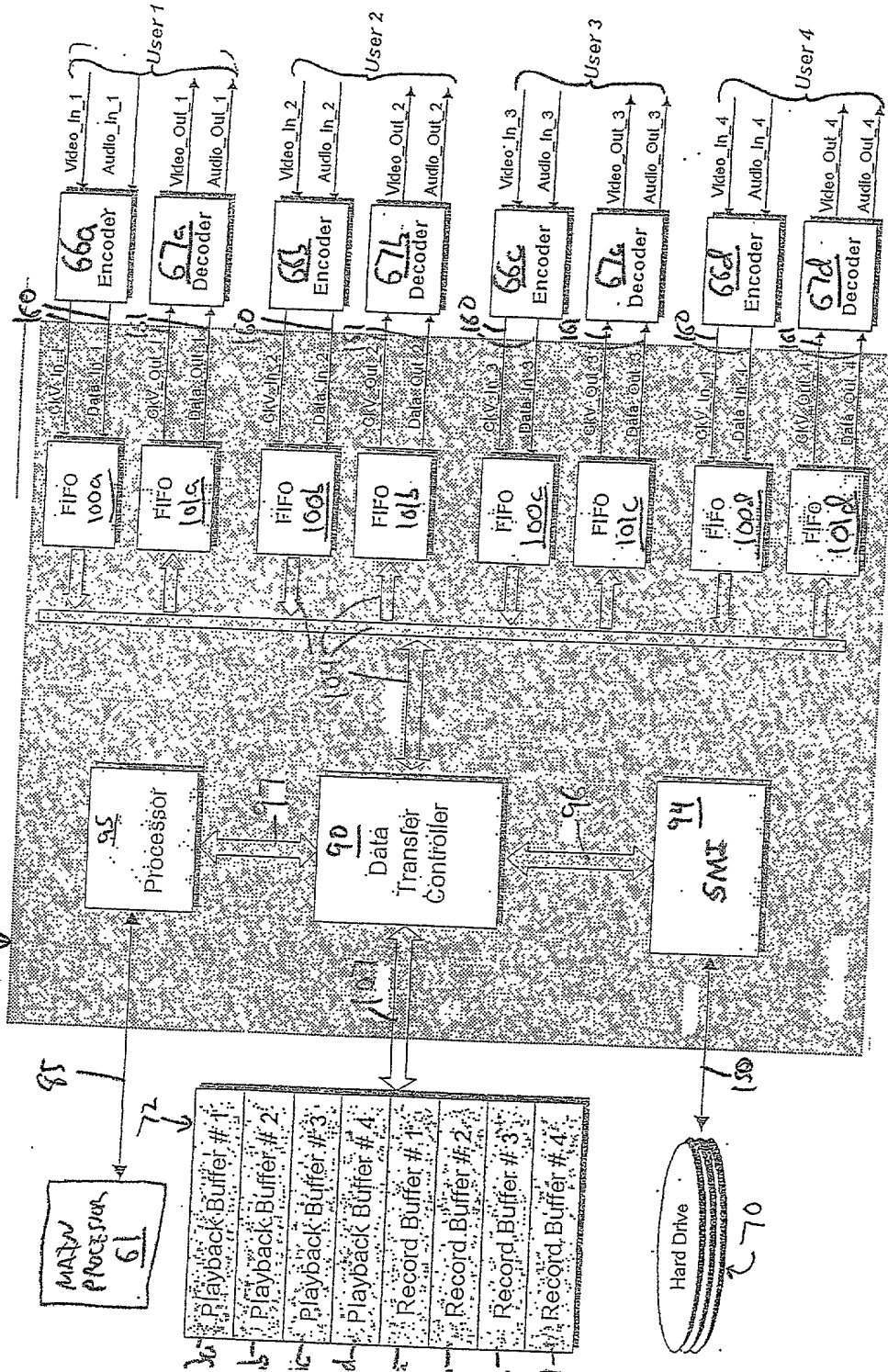


Fig. 3

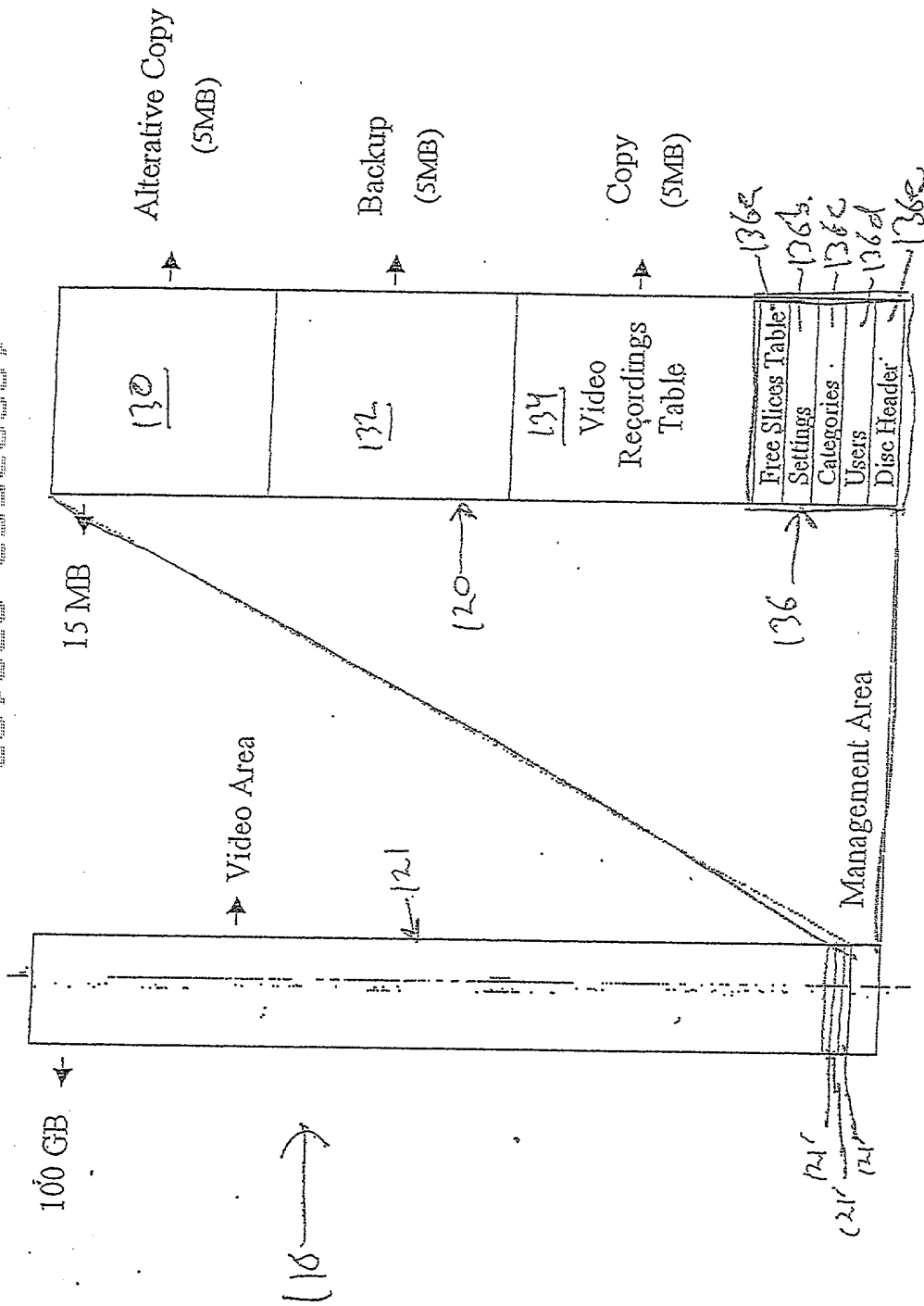
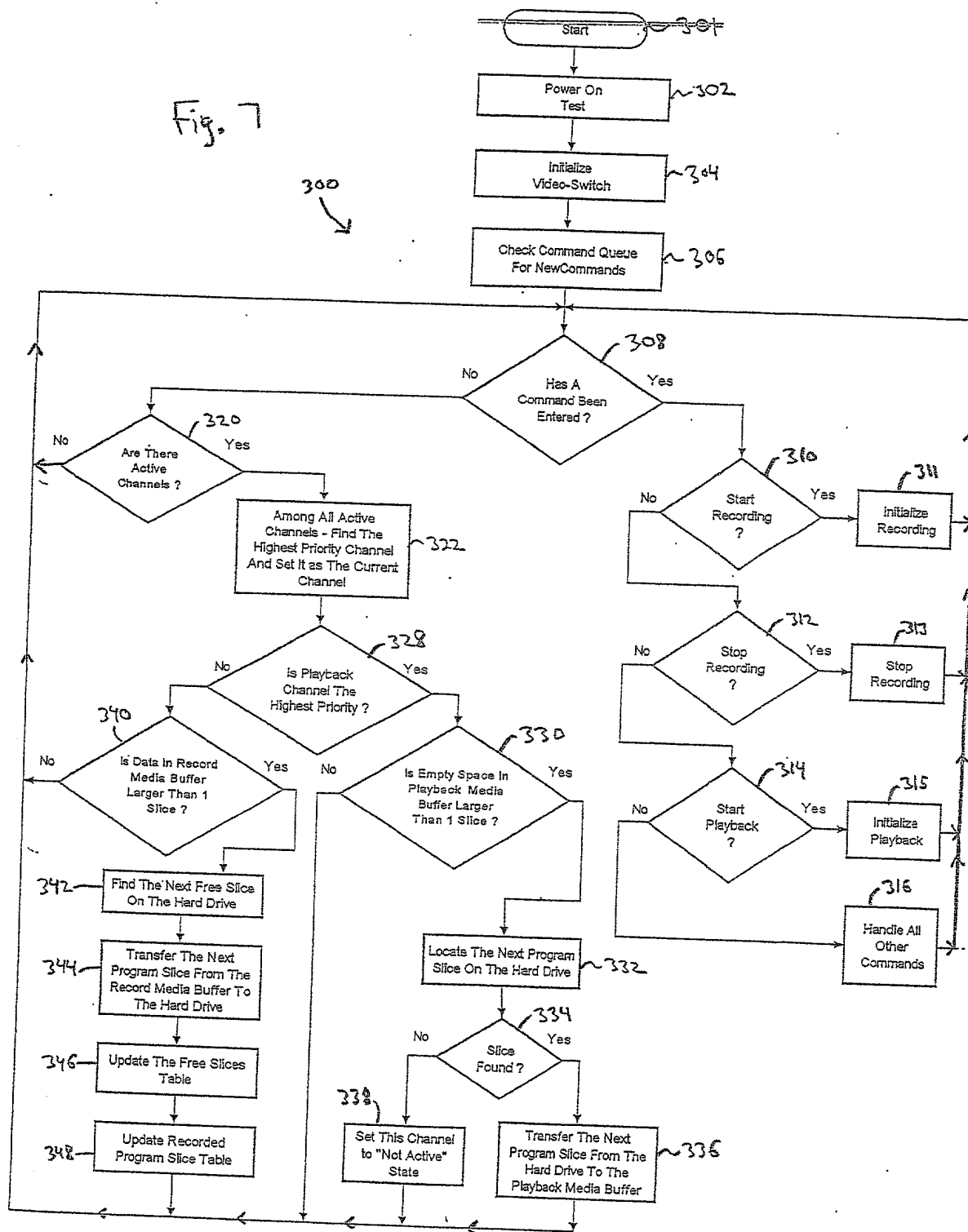


Fig. 5

Fig. 7



Find The Highest Priority Channel

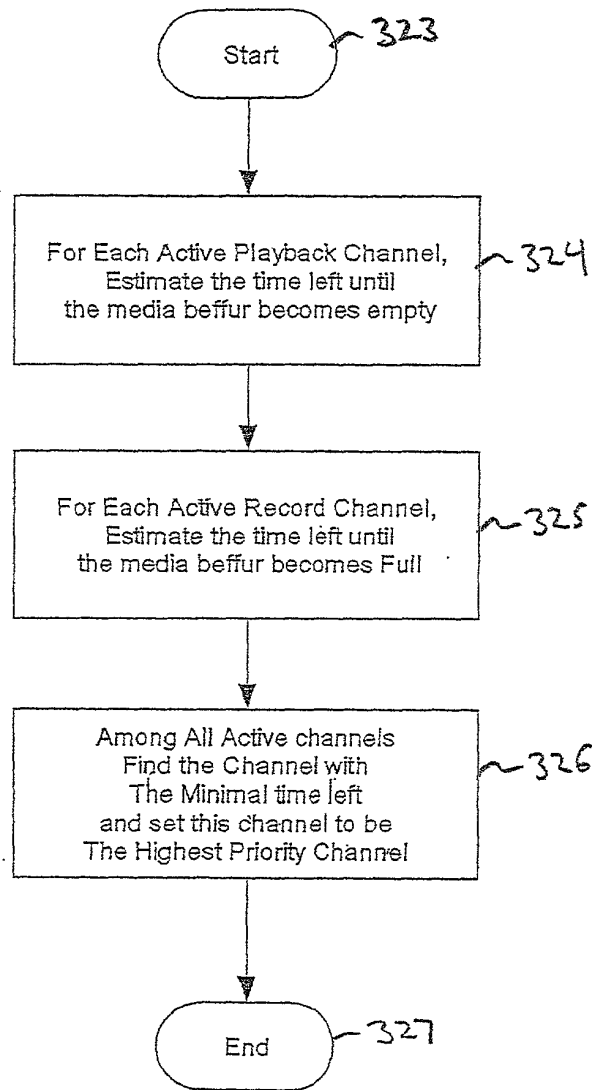


Fig. 8

Typical Record Timing

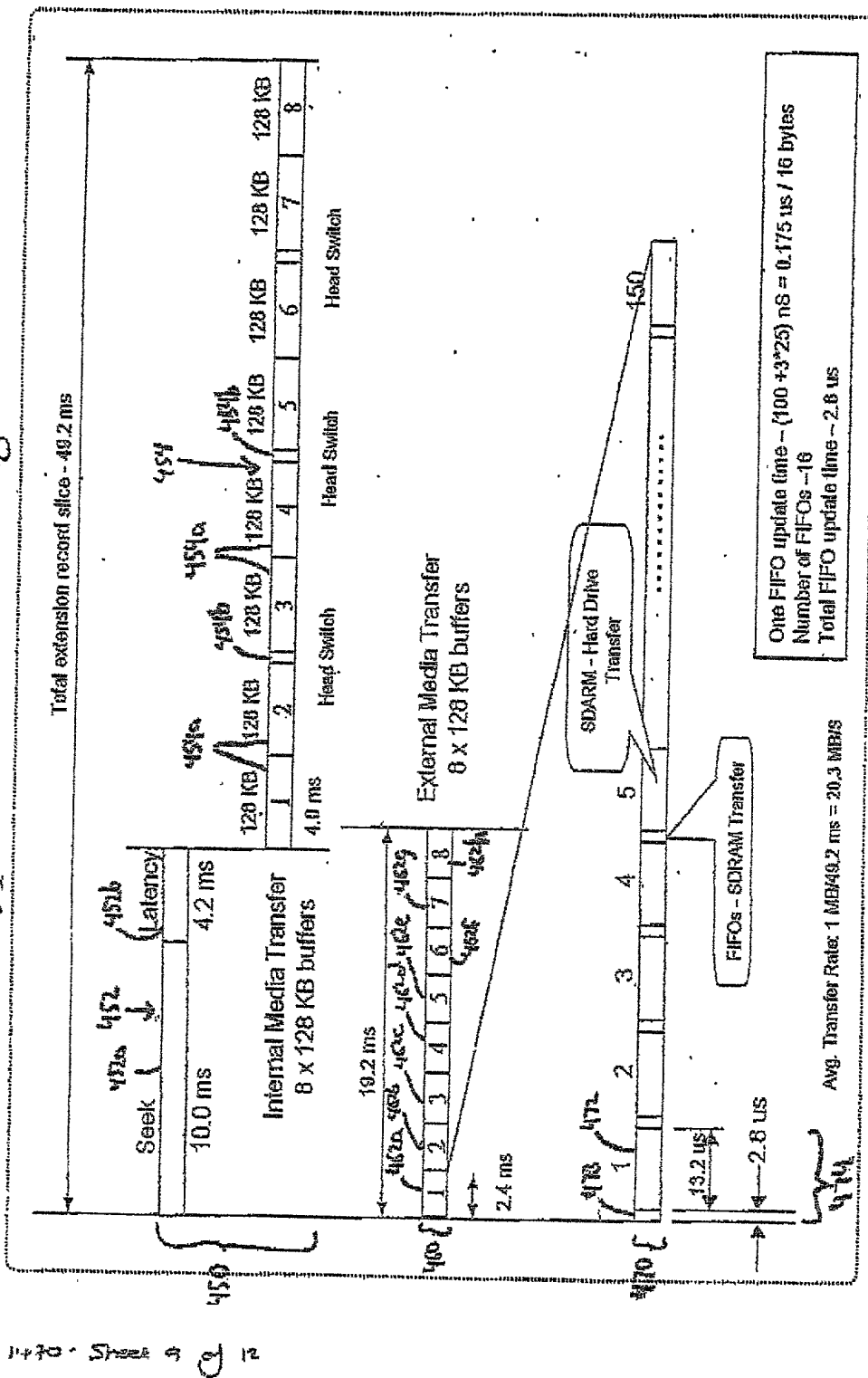


Fig. 9

Typical Playback Timing

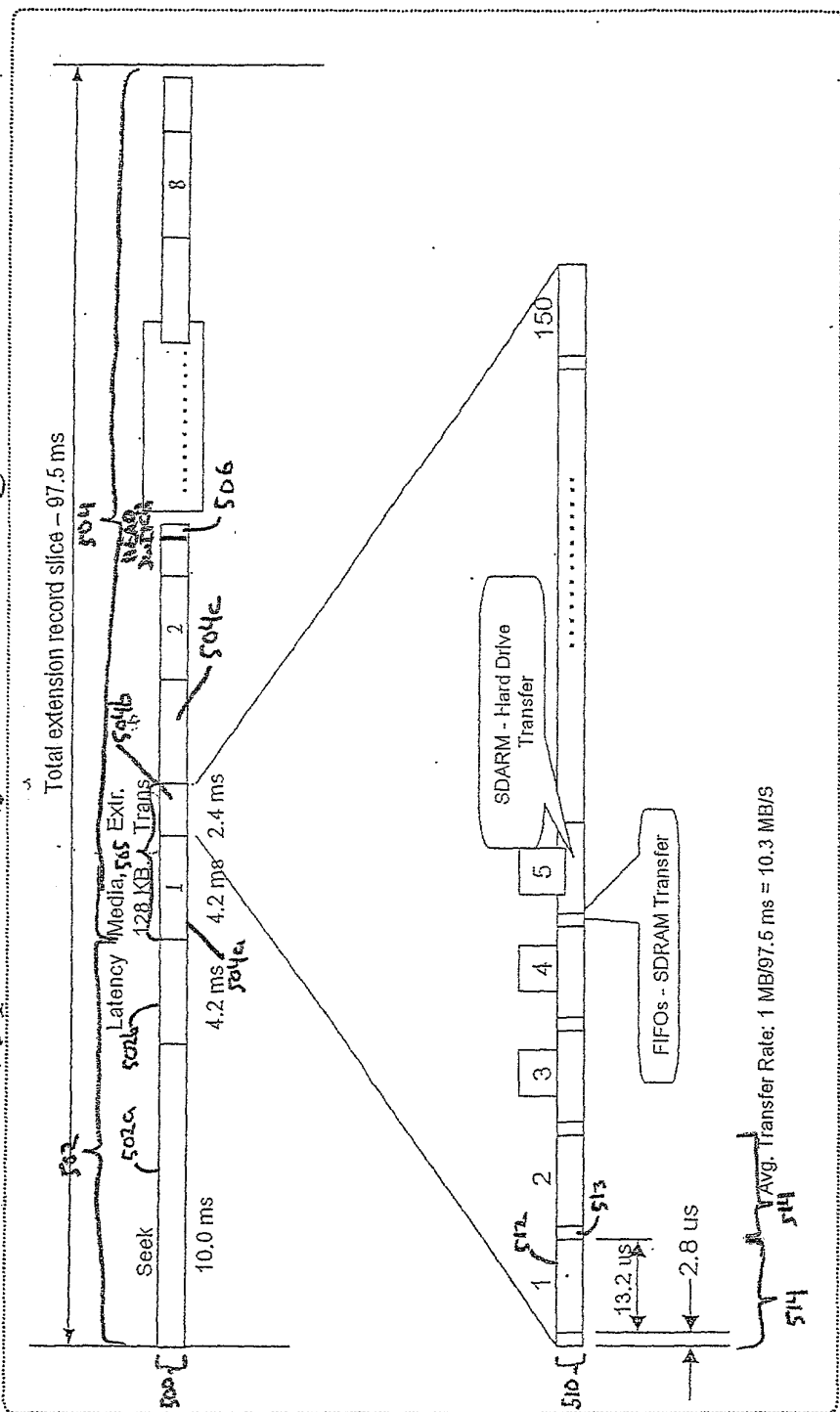
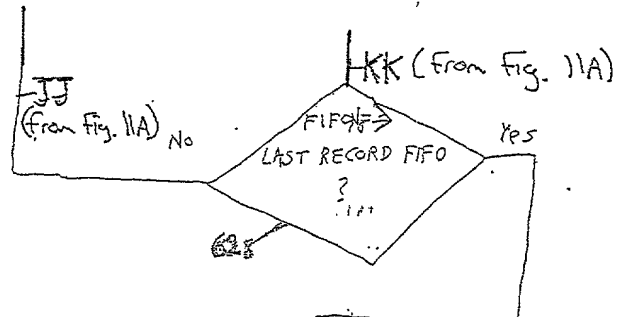
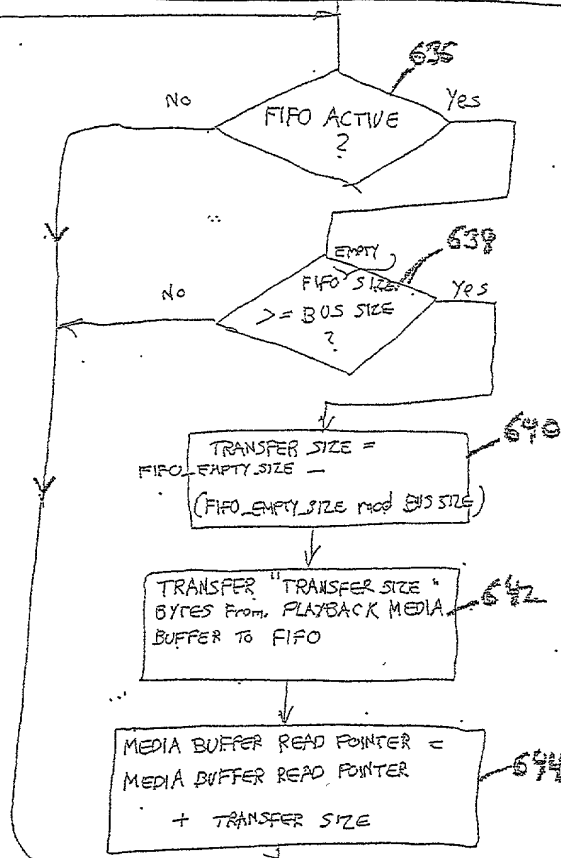


Fig. 10



FIFO = FIRST PLAYBACK FIFO 630



FIFO = FIFO + 1 646

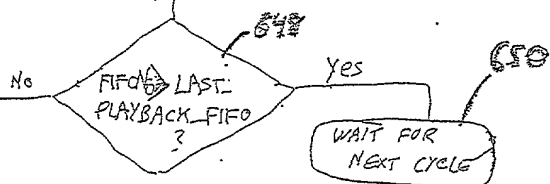


Fig. 11B

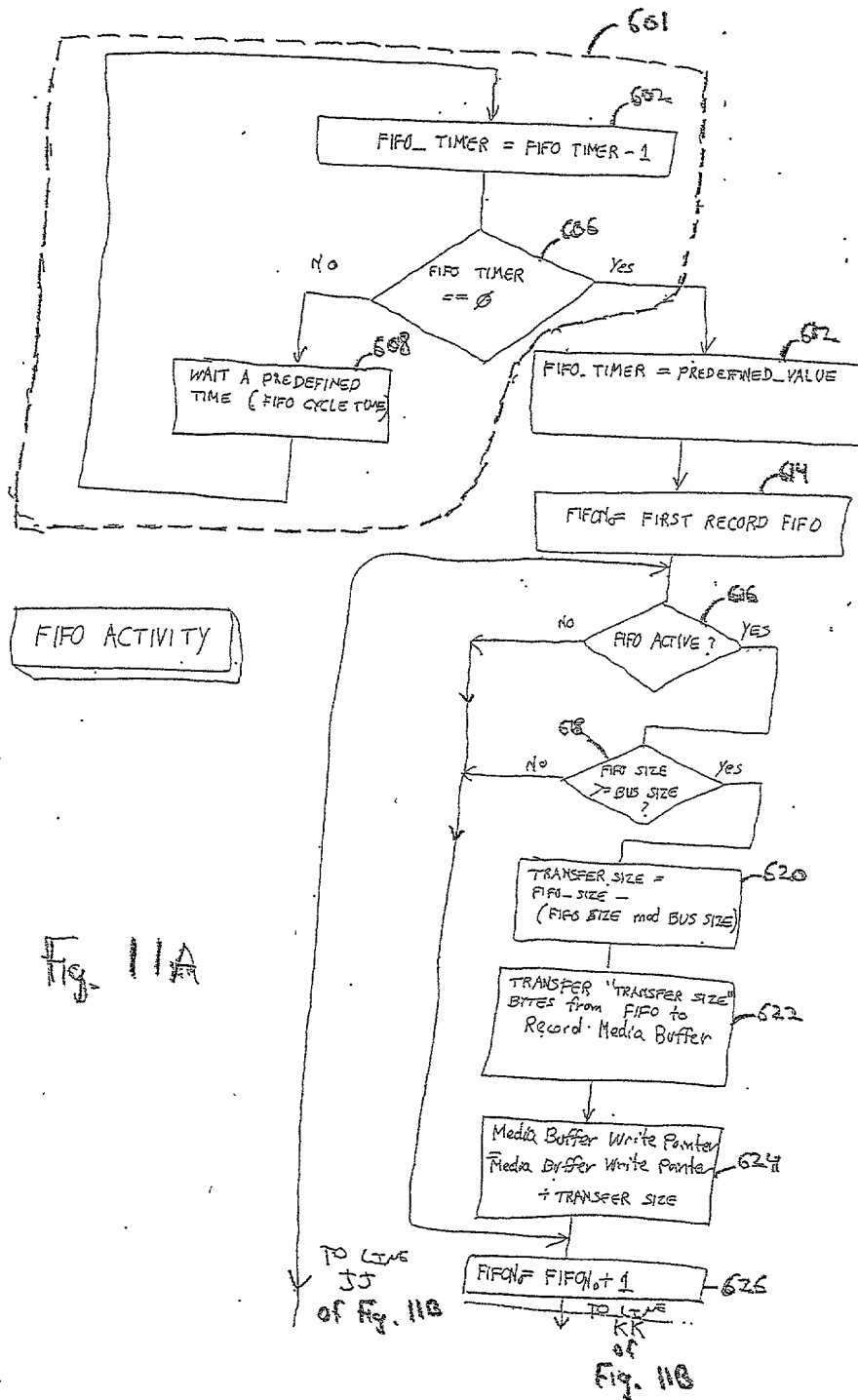


Fig. 11A